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December 21, 2004

**MAIL STOP PCT**Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450PCT/JP03/10160  
-filed August 8, 2003

Re: Application of Masakazu SATO, Hiroyuki KAKINUMA *and* Hajime ASANUMA  
 ARYL 5-THIO- $\beta$ -D-GLUCOPYRANOSIDE DERIVATIVES AND  
 THERAPEUTIC AGENTS FOR DIABETES CONTAINING THE SAME  
**Assignee: TAISHO PHARMACEUTICAL CO., LTD.**  
**Our Ref: Q83533**

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application.
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ an Information Disclosure Statement, with a PTO/SB/08 A & B (modified) listing the references.
- ☒ a Submission of International Search Report, with a PTO/SB/08 A & B (modified) listing the ISR/IPER references.
- ☒ a Preliminary Amendment.
- ☒ **it is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f)**

It is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.



SUGHRUE MION, PLLC

National Stage Application of  
PCT/JP03/10160  
-filed August 8, 2003

10/518788

DT09 Rec'd PCT/PTO 21 DEC 2004

Q83533

The Government filing fee is calculated as follows:

Total claims	<u>21</u>	-	20	=	<u>1</u>	x	\$50.00	=	<u>\$50.00</u>
Independent claims	<u>7</u>	-	3	=	<u>4</u>	x	\$200.00	=	<u>\$800.00</u>
Base Fee									<u>\$300.00</u>
Examination Fee									<u>\$500.00</u>
Search Fee									<u>\$200.00</u>
Multiple Dependent Claim Fee									<u>\$360.00</u>
<b>TOTAL FILING FEE</b>									<u>\$2210.00</u>
<b>Recordation of Assignment</b>									<u>\$ 40.00</u>
<b>TOTAL FEE</b>									<u>\$1660.00</u>

Checks for the statutory filing fee of \$2210.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	233015/2002	August 9, 2002
Japan	97839/2003	April 1, 2003

Respectfully submitted,

Susan J. Mack  
Registration No. 30,951

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WASHINGTON OFFICE

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CUSTOMER NUMBER

Date: December 21, 2004